

# Converting Colors

Android(4292050687)

Have a look what the booklet for  
Android(4292050687) contains.

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# **Color**

**Android(4292050687)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D37EFF
RGB	211, 126, 255
RGB Percent	83%, 49%, 100%
CMY	0.1725, 0.5059, 0.0000
CMYK	0.17, 0.51, 0.00, 0.00
HSL	280°, 100%, 75%
HSV	280°, 51%, 100%
XYZ	52.3748, 35.9906, 98.7942
YIQ	166.1210, 9.2510, 58.1390

# Conversions

## Conversions Part 2

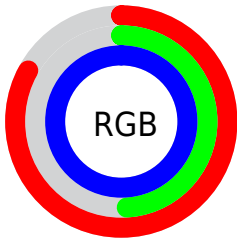
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 126, 255
Decimal	13860607
CIE Lab	66.51, 54.26, -51.36
CIE LCh	67, 74.712, 316.574
Yxy	35.9906, 0.2798, 0.1923
Android (android.graphics.Color)	4292050687 (0xFFD37EFF)
YUV	166.1210, 43.8173, 39.3589
Hunter-Lab	59.9922, 50.8492, -55.6433

# Details

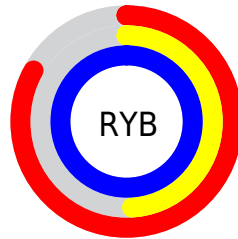
The Android color `4292050687` is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be `4289396606`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4294948351`, and `4288301510` is the 20% darker color. If you saturate the color by 10%, you get `4291454463`, and if you desaturate by 10%, it is `4292647167`.

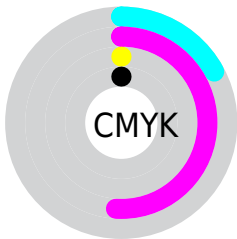
# Distribution



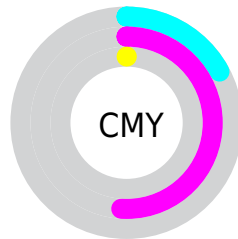
- Red (83%)
- Green (49%)
- Blue (100%)



- Red (83%)
- Yellow (49%)
- Blue (100%)



- Cyan (17%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292050687 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4292050687 by changing the saturation by 10% instead.



 4292050687

 4292050687

4294967295

 4290143202

 4294948351

 4288301510

 4294955519

 4286459562

 4294962943

 4284616335

 4282843253

 4281008219

 4279173187

 4278190892

 4278190358

■ 4292050687

■ 4292050687

■ 4291454463

■ 4292647167

■ 4290923519

■ 4293177855

■ 4290327039

■ 4293774335

■ 4289730815

■ 4294370559

■ 4289200383

4294901503

4294967295

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4284128767



4292050687



4294926787

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4292050687



4292514816



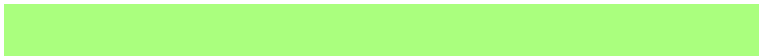
4278239686

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4292050687



4289396606

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4278239104



4292050687



4288588288

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4292050687



4294932033



4283152445



4278238719

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4292050687



4294924950



4283152445



4278239663



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



4292050687



4294105599



4286491647



4286081408



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4292050687



4291453951



4294934252



4286280576



4286447807



4280942656



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



4294934186



4294927257



4286513041



4286608247



4290707521

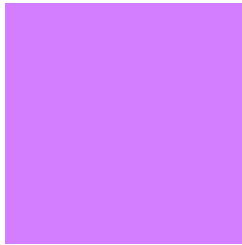


4282384406



# Previews

## White Background



This preview shows how the Android color 4292050687 looks on a white background.

## Color Contrast Check

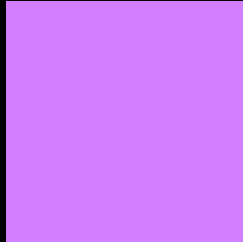
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4292050687 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4292050687 Background



This preview shows how black text looks on a background with the Android color 4292050687.



This preview shows how white text looks on a background with the Android color 4292050687.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
4291073441

# Trichromacy



**Original Color**

4292050687



**Protanomaly**

4288451583



**Deuteranomaly**

4288189691



**Tritanomaly**

4291399107

# Monochromacy



**Original Color**

4292050687



**Achromatopsia**

4289111718



**Achromatomaly**

4290156486

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292050687 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(211, 126, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 126, 255)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(211, 126, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 126, 255) }
```

## Border

The CSS property to change the border of an element to Android 4292050687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(211, 126, 255) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(211, 126, 255) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(211, 126, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 126, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 126, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 126,  
255) }
```

# Background

The CSS property to change the background color of an element to Android 4292050687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 126, 255) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(211,  
126, 255) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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